

Investigations of the X-Ray Emission From 109
an Electrodeless Low-Pressure Pulse
Discharge, by C. Wahnert, 19 pp.
GERMAN, per, Beitrage Aus Der Plasmaophysik,
Vol V, No 4, 1965, pp 259-272. P100135567
FTD HT 66-126

C. Wahnert

Sci-Phys
May 67

324,989

88
A Contribution to the Problem of How SO_2 and
 SO_3 are Formed in the Flue Gases of Oil Fired
Boilers, by E. Wahnschaffe.

GERMAN, per, Mitt VGB, No 108, June 1967,
pp 166-173.

CEGB

C.E. Trans 4884

E. Wahnschaffe

Sci-Vat
Oct 69

394,585

86
Continuous Measurements of the SO₂ Content and the
Dew-Point Range in Oil-Fired Steam Generators, by
E. Wahnschaffe.

GERMAN, per, Mitt VGB, Vol 48, June 1968,
pp 193-199.
CEGB-Tr 5066

E. Wahnschaffe

Sci/Mech
Jun 69

384,520

Hydrogen Solubility in Slags of the System
 $\text{CaO}-\text{FeO}-\text{SiO}_2$, by H. Mahlster, H.-H. Reichel.
Zurich, Ger., Arch. Eisenh., Vol 40, No 1, 1969, 92
pp 19-25. 100
DISI 7385

sci/ materials
sept 69

390,934

H. Mahlster

Calculation of Pile-up Spectra, by E. Waibel
GERMAN, per, Nuclear Instruments and Methods,
Vol 74, 1969, pp 236-244.
C.E. Trans 5415D

E. Waibel

mar 71

S. Wainberg

A Complicated Case of Malignant Parapapism,
by S. Wainberg.

SPANISH, per, Revista Argentina de
Urologia (y Nefrologia), Vol 38,
1969, pp 30-36
NTC 72-11317-06E

June 72

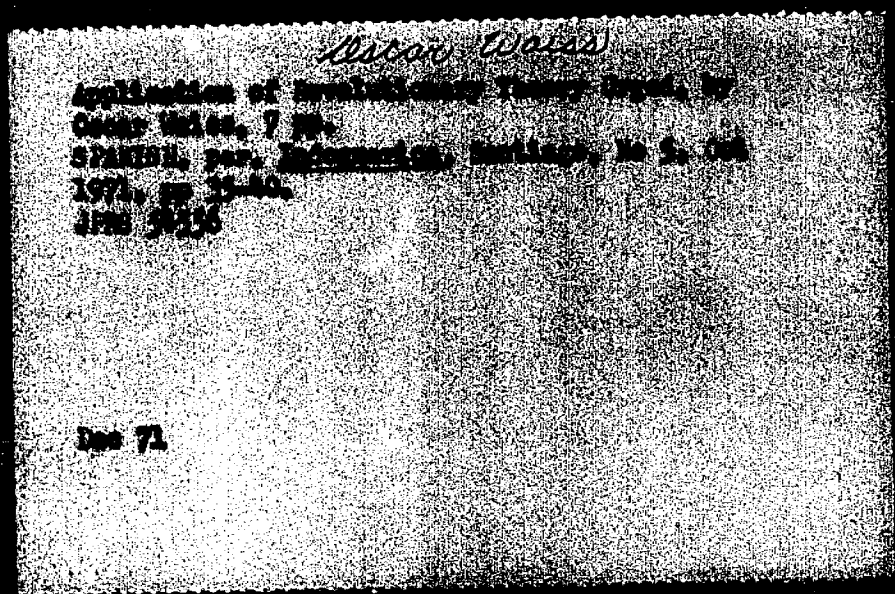
32

Italian Television to Focus on Latin America,
by Jose Wainer, 5 pp.
SPANISH, pp. 49774-49776, 9 Jan 1970,
p 21.
JPRS 49774

Jose Wainer

LA-Argency
Box
Feb 70

402,017



31
Outlook for Revolutionary Movement Analysed,
by Oscar Weiss, 7 pp.
SPANISH, per. Nueva Estrategia, Santiago de Chile,
Nov-Dec 1969, pp 7-15.
JPRS 49699

OSCAR WEISS

LA-Chile

Pol

Feb 70

400,721

28
Basic Tactical Training Methods for an
Infantry Platoon, by Marian Wajda, 6 pp.
POLLISH, per, Przegląd Wojsk Lądowych,
No 4, 1965.
DIA ID 282-65
ID 2878045165-V

Marian Wajda

EEur/ Mil/Poland
Mar 66

286,099

Acclimatization of Whitefish in Dam Res- 89
ervoirs, by Z. Majdowicz.

POLISH, per, Gospodarka Rybna, Vol 20,
No 5, 1968, p 15.

Dept of Interior

Bureau of Commercial Fisheries

Office of Foreign Fisheries

No A-38/May 69/135

On Loan Only

Sci-B&H
Jly 69

Z. Majdowicz

388,642

WAKABAHASHI. Development of FTG process for blast
furnace operation (a revolutionary process of operation).
Unknown publication p.13 (CRL/D. 886)

Akahata Attacks Chinese Communist's Meddling
in Japanese CP Affairs, by Wakabayashi Akira. 29

8 pp.

JAPANESE, np. Akahata. 15 Mar 1967. p. 3.

JPRS 40506

WAKABAYASHI AKIRA

FE-Japan

Pol

May 67

325,352

K. Wakabayashi

**Hydrodesulfurization of Thiophene
Over Catalysts Supported on alumina,
by K. Wakabayashi.**

JAPANESE, per, Kogyo Kagaku Zasshi,

Vol 74, 1971, pp 1317-1319.

HTO 72-11382-07a

June 72

65
Production of Carbon and Alloy Constructional
Steels in a Basic Oxygen LD Furnace, by
K. Nakabayashi, et al.
JAPANESE, per, Tetsu to Hagane, Vol 51, No 4,
1965, pp 745-747.
(B 6749)

K. Nakabayashi

Sci/Materials
Dec 66

314, S60

45
Theoretical Analysis on the High Pressure
Operation and Oxygen Enriched Operation of
the Blast Furnace, by K. Wakabayashi, et al.
JAPANESE, per, Tetsu-to-Hagane, Vol 55, Sept
1969, pp 867-876.
RISI 8104

K. Wakabayashi

Sci-Met
Dec 70

106
Melting Practice for High Carbon Steel
Made by the Oxygen LD Process, by K.
Wakabayashi et al.
JAPANESE, per, Tetsu to Hagane, Vol 52,
No 3, 1966, pp 348-349.
BB 6086

K. Wakabayashi

Sci-Materials
Oct 66

313,146

109
Use of Lime with Fe_2O_3 Addition in a H.O. LD
Furnace, by K. Nakabayashi.
JAPANESE, per, Tetsu-to Hagane, Vol 51, 1965,
p. 737-749.
*DISI 7571

sci/ materials
sent 69

K. Nakabayashi

79
Use of Lime with Fe_2O_3 Additions in a
Basic Oxygen LD Furnace, by Kazuo Waka-
bayashi et al.

JAPANESE, per, Tetsu to Hagane, Vol 51,
No 4, 1965, pp 737-740.
HB 6746

Kazuo Wakabayashi

Sci-NGM
Jul 66

104,587

24
Japanese CP Cities Need to Unify against
American Imperialist Attacks and Modern
Revisionism, by Sen Wakabayashi, 7 pp.
JAPANESE, np, Asahata, 30 June 1966, p. 5.
JPRS 36716

Wakabayashi, Sen

FE-Japan

Pol

Sept 66

309,834

87

Spectrophotometric Determination of Very Small
Baron Contents in Steel by the Solvent-Extraction
Method, by Sh. Wakamatsu & M. Higuchi.
JAPANESE, per, Tetsu to Hagane, Vol 53, No 11,
1967, pp 1367-1369.
RB 7428

Sh. Wakamatsu

Sci/et
June 68

358,232

RECEIVED TELETYPE UNIT
OF A SMALL AMERICAN
TELETYPE OFFICE, NEW YORK
BY S. WAKAMATSU.
JAPANESE, per. 1970-20-11-11-11
1970, pp 813-814.
*BISI 9051

S. Wakamatsu

Mar 71

A. WAKANA

Correlation Between Pour Point Depressant Composition and Effectiveness. Part I. Correlation Between the Composition of Friedel-Crafts Reaction Products from Naphthalene and Chlorinated Paraffin (Davis' Method) and Their Effectiveness as Depressants, SEKIYU GAKKAI SHI, Vol. 14, pp 1001-1006, 1971.
NTC 73-10055-11H

Mar 73

K. Wakayama

An Automatic Vibrascope. Part I. Principle, Design,
and Operation, by K. Wakayama.
JAPANESE, per, Sen-i Kikai Gakkai Shi, Vol 17, No 2,
1964, pp 126-132.
ATS-JS-306

June 72

A.C. Makman

Antibiotics, by S. I. Makman.
GERMAN, per, ~~112 for 112~~
Vol 8, No 2, 1971, pp 137-147.
HTC 72-10409-068

Apr 72

Analysis of Prospective Presidential Candidates
Given by Daniel Wakeman Schinca, 10 pp.

GOVERNMENT USE ONLY

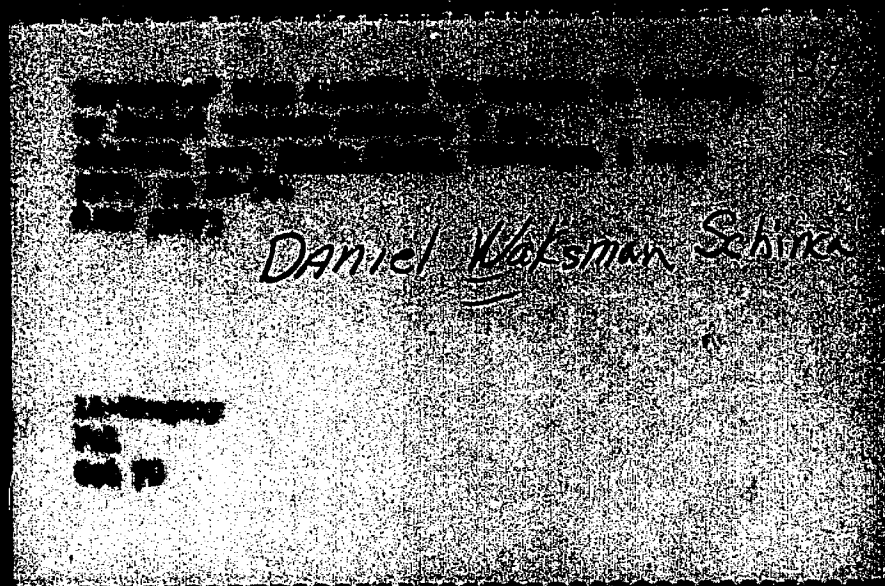
SPANISH, per. Marcha, Montevideo, 30 Dec 1971.

pg 10, 11, 19.

JWS/L 4446

Daniel Wakeman Schinca

Feb 72



54
Hiring of Teachers Causes University Dissension,
by Daniel Waksman Schinca, 6 pp.
S. ANISH, np, Marcha, Montevideo, 9 May 1969, p 9.
JPRS 48259

Daniel Waksman
Schinca

LA-Urug
Educ
July 69

387,832

y. Shikun
On the Oil Loss East Berlin Cylinder,
by Y. Nakaya.
JAPANESE, POP. JOURNAL, Vol 43, No 2,
1970, pp 431-441
NTC 72-12202-112

July 72

H. Hal

Infrared Spectrophotometric Studies
of Oxide Catalysts for Benzene
Oxidation, by W. Wal.
CZECH, per, Průmysl Chemický, Vol 47,
No 7, 1968, pp 404-408
NTC 72-11485-07A

June 72

W. Wal

Differentiation of the Degree of
Oxidation of a Catalyst During its Use
in a Multitube Reactor, by W. Wal.
CZPC, per, Practical Chemistry, Vol 47,
No 12, 1968, pp 759-761.
NTC 72-11026-07A

May 72



125
Some Compensatory Reactions in Prolonged
Weightlessness, by J. Malawski, 6 pp.
RUSSIAN, rpt. Third International Symposium
on Basic Environmental Problems of Man in Space.
World Health Organization, 19-22 Nov 1968.
JPRS 47,398

Sci-Space Tech
Feb 69

374,021

Interaction Between the Red Spot of Jupiter
and the Three New Formations of the South
Temperate Band (WOS), by H. Walbaum.
FRENCH, per, L'Astronomie, Vol 81, May 1967,
pp 206-209.
*NASA TT F-11,386

GOVERNMENT USE ONLY
Sci-Astron
Jan 68

Fungi Damage to Textiles and Its Prevention by
Fungi Resistant Finishes, by O. Walchli, 19 pp.
GOVERNMENT USE ONLY
GERMAN, per, Textile Refinement, Vol 4, No 8,
1969.
ARM/FSTC/HT-23-065-71

O. WALCHLI

May 71

M. Walberer

The One-Dimensional Cutting Problem
in Flat Glass Manufacture, by
M. Walberer.
GERMAN, per, Mathematische Nachrichten.
Vol 44, 1971, pp 229-236
NTO 72-12061-11B

June 72

602
On the Influence of Different Test Procedures
in Testing the Resistance of Textiles Against
Cellulolytic Fungi, by J. Melchli.
Zellulose, papiert, Material und Organismen, No 2, 1965,
pp 31-34.
ACSI J-457.
ID 2204012168

Sci-chem
May 68

356,175

43
The Influence of Soil Ventilation on the De-
structive Effect of Soil Microorganisms on
Cellulosic Textiles in Soil Burial Tests, by
Oskar Walchli.

GERMAN, por. Material und Organismen, Vol 2,

No 2, 1967, pp 85-96.

ACSI J-4585

ID 2204012568

Sci/Agri
Apr 68

356,561

45
Influence of Visible Light on the Cellulytic
Activity of Fungi, by Oskar Walchli. 13 pp.
GERSMAN, per, Material und Organismen, Vol 2,
No 4, 1968, pp 245-255.

*ACSI-J-7153

FETC-HT-23-70-70

Oskar Walchli

Sci-B&M

Feb 70

401,688

Achievements and Plans of the Polish Teachers' Union, by Marian Walczak, 12 pp.
POLISH, per, Glos Naucznielski, No 1, 2 Jan
1966, pp. 4-5.
JPRS 33923

MARIAN WALCZAK

EE-Poland

Econ

Feb 66

295,691

28
Vocational Training in 1966 - 1970, by Marian
Walczak, 7 pp.
POLISH, per, Szkola Zawodowa, No. 3, Mar 1967,
pp. 5-8.
JPMS 40892

Marian Walczak

EE-Poland
Econ
July 67

329,632

27
Present and Long-Range Trends in the Work of
Organs Administering Justice, by Stanislaw Walc-
zak, 15 pp.
POLISH, per, Nowe Prawo, No. 1, Jan 1967,
pp. 5-19.
JPRS 40843

Stanislaw Walczak

EE-Poland
Econ
July 67

329,642

Tadeusz Walczak
Experimental Operation Set 100-100
Computer, by Tadeusz Walczak, 12 pp.
POLISH, per. Informacja, Warsaw, XI 71.
pp 8-12.
JPRS 54307

Nov 71

Space Exploration: Past, Present Future (Selected Articles), by O. Wolczek. 52 pp.

POLISH, per, Nowosci Nauki i Techniki. Reportaz z Kosmosu, 1968, pp 37-66, 81-87, 202-229.

AIR FTD-HC-23-484-70

O. Wolczek

15
Polish-Soviet Scientific, Technical Cooperation,
by Witold Walczewski, 3 pp.

POLISH, per, Przegląd Techniczny, Warsaw,
No. 20, 23 Oct 67, pp. 617-619.

JPRS 44,202

Intrabloc

Economic

Jan 68

349,948

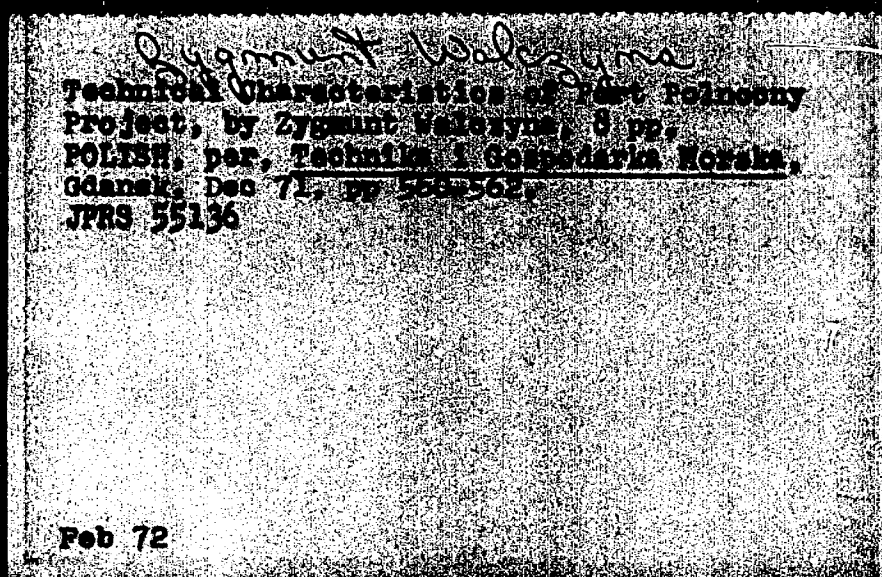
Eugeniusz WALCZAK

Transformation in Officer Cadre Analyzed,
by Eugeniusz Walczuk, 12 pp.
POLISH, per, Polityka, Warsaw, 29 Apr 72,
pp 1, 4-8.
JPRS 56113

Jun 72

J. Walczyk
New Trends in the Development of TV Projection
Equipment, by J. Walczyk
POLISH, per. Przegląd Telewizyjny, Poland
Vol 42, No 1, 1970, pp 8-17
APL/JHU-J-1715

MAY 72



90
Metallography by Ionic Attack, by P. Haymann,
C. Waldburger.

FRENCH, per, Memoires Scientifiques de la
Revue de la Metallurgie, Vol 62, No 7-8,
1965, pp 515-525.
NTC-69-13240-11F

C. Waldburger

Sci-Nat
Sept 69

302,768

74
The Power Requirement of Electrochemical and
Electrothermal Processes, by H. Walde.
CHEMAB, per, Chem-Ing-Tech, Vol 41, No 4,
1969. pp 185-190.

CPA)

O.D. 980

H. Walde

Sci-Elec

Oct 69

394,607

F. Waldeck

Photomicrometric Determination of Oxygen Dissociation
Curves of Single Erythrocytes.

GERMAN, per, Pflüger's Archiv (für die Gesamte
Physiologie des Menschen und der Tiere), Vol 295,
1967, pp 1-14

NTC 72-60562-06A'

Oct 72

58
Change in Position of Oxygen Fixation Curve as
Functions of Intraerythrocytic Cation and Hemoglobin
Concentrations, by F. Waldeck, R. Zader, 32 pp.
GERMAN, per, Klinische Wochenschrift, Vol 47,
1969, pp 1068-1078.
ACSI J-8252
ID 2204006970

F. WALDECK

Sci/DEM
July 70

J-2144

Pink, Red, Dark Red - Communist Color
Fashions, by Axel Waldemarson, *5 pp*
SWEDISH, np, Svenska Dagbladet, 7 Mar 1965,
p 1.

JPRS/SPECIAL/DC-11240

NE
NE-Sweden
Mar 65
Pol

Simultaneous Measurements of Waves, with 110
Non-Stabilized Recording Accelerometers,
at Places of Various Depths in the German
Bight, by H. Walden, H. J. Rubach.
GERMAN, per, Deutsche Hydrograph.Zeit., Vol
20, No 4, 1967, pp. 157-67.
NEC Ref: 6113.199 (125)

H. WALDEN

Sci-Geo
July 69

387,469

J-1826

Open Letter from Matthias Walden to Prof Wolfgang
Herich, by Matthias Walden. ³ *pp*
GERMAN, per, Quick, 10 Jan 1965.

Munich

*JPRS/NY-9563/Special

EE-Germany

Pol

Feb 65

45-
Poly- or Monoclonal Hypergammaglobinemia,
by J. Waldenström
SWEDISH, per, Nord Med, Vol 77, No 12, 1967,
pp 365-373.
HEW NIH
11-7-68

J. WALDENSTROM

Sci-B&M
Feb 69

369,544

68
Present State of Theoretical Knowledge of Red
Fuse, by H. Meysson, T. Waldenström.
FRENCH, per, CDS Circ, Vol 25, No 12, 1968,
pp 2663-2673.
SISI 7484

T. WALDENSTRÖM

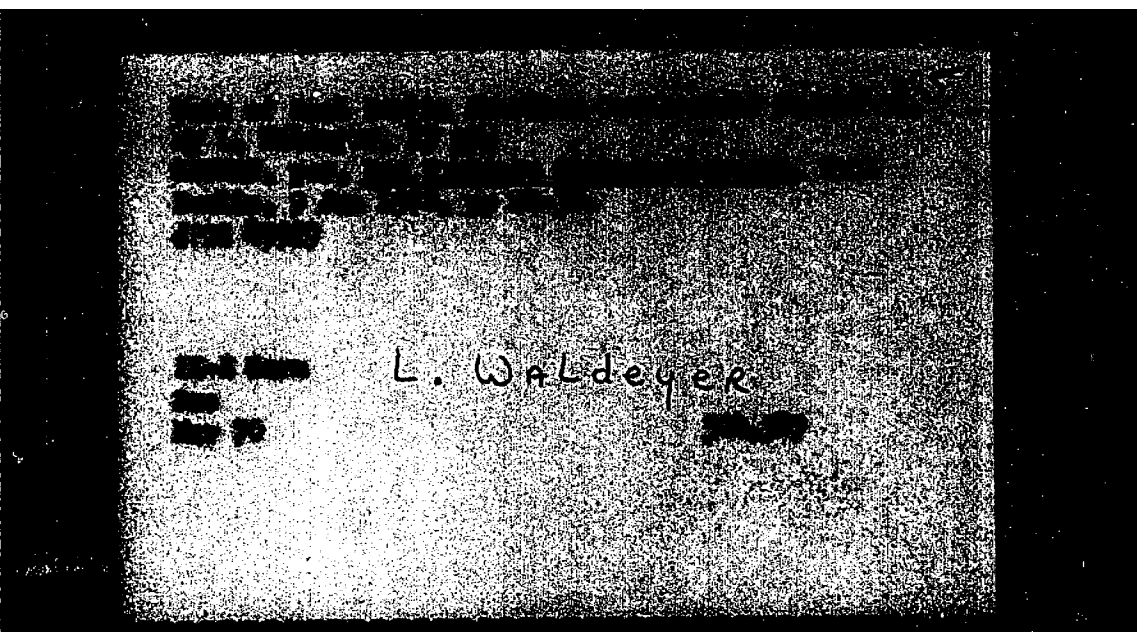
Sci/Chem
May 70

406,763

57
Contribution to the Study of the Diffusion of B
in Zr, by A. Walder.
FRENCH, rpt, Doctorate Thesis, Univ Paris, 1966.
*Nat Bur Stand TT 70-57889

Sci-Chem
Jul 70

A. WALDER



60
The Main Problem, Fresh and Hygienic Water Con-
taminated by Fallout, Chemical Agents, and Bio-
logical Agents Becomes Potable Again, by J.
Waldhauser, 17 pp.
GERMAN, per, Ziviler-Bevölkerungsschutz, Vol
XII, No 2, 2 Feb 1967, pp 3-9,
ACSI J-3068
ID 2204034667

Sci-DM
Oct 67

J. Waldhauser

341,555

The Main Question: Fresh and Hygienic Atonically, ⁵⁹
Biologically, and Chemically Contaminated Water
Became Drinkable Again, by J. Waldhauser.

GERMAN, per, Ziviler Bevölkerungsschutz, Vol 12,
No 2, 1967, pp 3-9.

*ACSI J-2068

ID 2204034667

J. Waldhauser

Sci/D&M

Aug 67

66
The Development of the Phase in the W-B
System, by I. Waldhauser.
HUNGARIAN, per, Hiradestechnika, No 7, 1968,
pp 215-220.
*ACSL-J-7713
*FSTC-HT-23-157-70

I. Waldhauser

Sci-Elec
Dec 69

87
Planning and Construction of a Forging Plant and
Experience in its Running, by E. Waldherr,
GERMAN, per. Stahl Eisen, Vol 89, Apr. 1969,
pp 389-398
RISI 7398

E. Waldherr

Sci/Mat
Mar 70

404,053

Dr. Waldi

Thin-Layer Chromatography of Some
Sugars and Sugar Alcohols, by
D. Waldi.

ENGLISH, per, Journal of Chromatography,
Vol 18, 1965, pp 417-418.
NTC 72-10167-07C

Ap^r 72

Power Angle Regulation for Synchronous Machines, 82
by D. Brust, H. Waldmann.
GEMAS, per, Elektrotechnik, Vol 64,
1965, pp 122-127.
REC-69-12963-09C

H. Waldmann

Sci-Elec
Sept 69

394,189

Power Angle Regulation for Synchronous Machines,
by D. Ernst, H. Waldmann.
GERMAN, per, Elektrizitätswirtschaft, Vol 64,
1965, pp 121-127.
RAE tr 1192

H. Waldmann

Sci/Electronics
Jun 67

329,199

E. H. Waldschmidt

Richardson Extrapolation and Error Estimation for
for the Numerical Solution of Second-Order
Boundary-Value Problems, by E.H. Waldschmidt
GERMAN, per. Dissertation, Faculty of Mathe-
matics and Physics, Technical University of
Darmstadt, 71 p. 1969,
APL/JHU T-2645

Jul 72

WALDSCHMIDT, M. and others. Radical concentration of
rat liver-mitochondria in its dependence on various factors
A.Naturf. 23B:798-803 (1968) (NLL/9023.175 (534))

43
Radical Concentration of Rat Liver-Mitochondria in
its Dependence on Various Factors, by M. Waldschmidt.
GERMAN, per, Zeit fur Naturforsch. No 23B, 1968,
pp 798-803.
NLL Ref: 9023.175 (534)

m. WALdschmidt

Sci/B&M
Mar 70

401,899

Use of Incoherent Diffusion for the Detection
of Collisions between Ionized and Neutral
Particles, by H. Petit, P. Waldteufel, 5 pp.
FRENCH, Ast, Space Research VII, North Holland
Pub. Co. 1967, pp 141-244
APP/PSIC/Tr-370-68
GOVERNMENT USE ONLY

P. Waldteufel

sci/space tech
Feb 69

1747198

On an instability linked with the
Appearance of the Equatorial Sporadic E-layer,
by L. Steney, P. Waldteufel.
JGRD, 197, Comm. Acad., Vol CUL, 1965,
pp. 6165-6168.
S26A TT 1-9965

P. Waldteufel

U. S. GOVERNMENT USE ONLY
Vol-Paper
Date 94

256,747

A Raindrop Spectrometer With Automatic Data Recording,
by J. Joss, A. Waldvogel, 7 pp.

GOVERNMENT USE ONLY

GERMAN, per, Pure and Applied Geophysics, Vol 68, 1967,
pp 240-246.

Dept of Navy NRL Tr 1219

A. Waldvogel

July 71

90
Experiences in the Flushing of Molds with Argon
in a Steel Foundry Ladle, by H. Bechtold and
W. Waldvogel,
GERMAN, per. Die Gießerei, Vol 56, No 11, 1969,
pp 313-318.
HB 8102

Sci/Met
May 70

W. Waldvogel

Reduction of Germ-bumbers by Irradiation in Mixed
Feeds and their Raw-Materials, by Janos Walger, 11 pp.
GOVERNMENT USE ONLY
HUNGARIAN, per, Elelmezesi Ipar, Vol 23, No 1, 1969,
pp 14-19.
ARM/FSTC/HT-23-211-69

JANOS WALGER

Sci/B&E
Jan 69

398,894

New Training Policy in the Ministry of the Interior, by Col Ahmad Wali, 26 pp.
ARABIC, per, al-fun al-'am. No. 37, Apr 1987,
pp. 75-80.
JPRS 41934

GOL AHMAD ~~WALI~~
WALI

MS-JAR
Recon
Sept 67

338,886

Arrangement for Automatic Determination of Melting¹⁰⁸
and Boiling Points, by W. Walisch, H. G. Eberle.
GERMAN, per, Mikrochimica Acta, No 6, 1967,
pp 1031-1040.
NTC 69-11579-148

W. WALISCH

Sci-Booth & Equip
July 69

387,153

W. Walkenhorst
Considerations and Investigation on the Filtration
of Dust-Containing Gases With Special Consideration
of Electric Forces, by W. Walkenhorst,
GERMAN, per, Staub-Reinhaltung der Luft, Vol 29,
No 12, 1969, pp 483-493.
NTC-71-11219-13B

Nov 71

Grzegorz WALL

A Reporter's Encounter With Narcomania
and Editorial Commentary, by Grzegorz Wall,
7 pp.

POLISH, np, Walka Mlodych, Warsaw, 6 Feb 72,
pp 8, 9.

JPRS 55789

May 72

21
Development of IDF Armored Corps Reviewed,
by Yehuda Wallach, 13 pp.

HEBREW, per, Ma'arakhot, Tel Aviv, No 197.

Jan 1969, pp 12-20.

JPRS 47,611

Yehuda Wallach

NE-Israel

Mil

Recrystallization Textures of Commercially ⁶⁵
Pure Copper, by H. Wallbaum.
GERMAN, per, Z. Metallkunde, Vol LVII, No 4,
1966, pp 249-259.
Chem Trans Sv No 2668

H. Wallbaum

Apr 67
Sci-Chem

324,916

Belgian Leftist Writer Replies to Criticism
of His Article Analyzing De-Stalinization,
by J. P. Wallenborn, 5 pp.
FRENCH, np, La Gauche, Vol 10, No 11, 19 Mar
1966, p. 11.
JPRS 35164

WE-Belgium

Pol

May 66

299,937

62
Crystallization and Stereospecificity of
Polymers From Asymmetric Acrylates, by
K. Wallenfels, L. R. Zuckert.
GERMANY, per, Biochem. Z., Vol 344, No 5,
1965, pp 324-328.
Chem Tracs Sv 3142

K. Wallenfels

329,978

Sci - Biological and Medical Sciences
Mar 67

Investigation of Polymers. IV. Explanation
of Structures by Physical, Chemical and
Spectroscopic Methods, by K. Wallenfels.
CHEMICAL ABSTRACTS, Vol 54, No 5,
1960, pp 493-500.
Chem Trans Sr 3141

K. Wallenfels

30,977

Sci - Biological and Medical Sciences
Mar 67

A. Wallenhausen

Summarization of the European Datum 1950 with the
aid of Doppler Measurements of Navigation and
Geodetic Satellites, by A. Wallenhausen,
GERMAN, per. Ordnung and Navigation, Vol. 1, 1971,
pp 57-77.
*ACIC

Aug 72

Arnold Wallenhauer

Application of the Method for Integrating the
Doppler Effect of Signals from Artificial Close
to Earth Perigean Earth Satellites for the Purpose
of Geodetic Station Determination, by

Arnold Wallenhauer, 54 pp.

GERMAN, bk, Deutsche Geodatische Kommission
Bayerischen Akademie Wissenschaften, Reihe C:
Dissertationen, Heft Nr. 161.

*ACIC

Mar 72

Navigation by Satellites, by O Weber and
A. Wallenhauer,
GOVERNMENT USE ONLY
GERMAN, per. Luftfahrttechnik-Raumfahrttechnik
Vol 15, No 8-9, Aug-Sep 1969, pp 214-220.
ACIC-TC-1652

A. Wallenhauer

Sci/Nav, COMNAV
Jan 71

Dictionary of Astronomical Terms, by Ake
Wallenquist,
SWEDISH, bk, 265 pp.
national Histroy Press

Oct 66